

### NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 02/28/02 are:

- A.  approved by the Draftsperson under 37 CFR 1.84 or 1.152.
- B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

<p><b>1. DRAWINGS.</b> 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).  <input type="checkbox"/> Color drawings are not acceptable until petition is granted. Fig(s) _____  <input type="checkbox"/> Pencil and non black ink not permitted. Fig(s) _____</p> <p><b>2. PHOTOGRAPHS.</b> 37 CFR 1.84(b)  <input type="checkbox"/> 1 full-tone set is required. Fig(s) _____  <input type="checkbox"/> Photographs may not be mounted. 37 CFR 1.84(e)  <input type="checkbox"/> Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____  <input type="checkbox"/> Poor quality (half-tone). Fig(s) _____</p> <p><b>3. TYPE OF PAPER.</b> 37 CFR 1.84(e)  <input type="checkbox"/> Paper not flexible, strong, white, and durable. Fig(s) _____  <input checked="" type="checkbox"/> Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) <u>1-40</u></p> <p><b>4. SIZE OF PAPER.</b> 37 CFR 1.84(f): Acceptable sizes:        21.0 cm by 29.7 cm (DIN size A4) or        21.6cm by 27.9cm (8 1/2x 11 inches)  <input type="checkbox"/> All drawing sheets not the same size. Sheet(s) _____  <input type="checkbox"/> Drawings sheets not an acceptable size. Fig(s) _____</p> <p><b>5. MARGINS.</b> 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  <input type="checkbox"/> Margins not acceptable. Fig(s) _____  <input type="checkbox"/> Top (T) <input type="checkbox"/> Left (L)  <input type="checkbox"/> Right (R) <input type="checkbox"/> Bottom (B)</p> <p><b>6. VIEWS.</b> 37 CFR 1.84(h)        REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.  <input type="checkbox"/> Views not labeled separately or properly. Fig(s) _____</p> <p><b>7. SECTIONAL VIEWS.</b> 37 CFR 1.84(h)(3)  <input type="checkbox"/> Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____</p>	<p><b>8. ARRANGEMENT OF VIEWS.</b> 37 CFR 1.84(i)  <input type="checkbox"/> Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____</p> <p><b>9. SCALE.</b> 37 CFR 1.84(k)  <input type="checkbox"/> Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) _____</p> <p><b>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS.</b> 37 CFR 1.84(l)  <input checked="" type="checkbox"/> Lines, numbers &amp; letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) <u>1-40</u></p> <p><b>11. SHADING.</b> 37 CFR 1.84(m)  <input type="checkbox"/> Solid black areas pale. Fig(s) _____  <input type="checkbox"/> Solid black shading not permitted. Fig(s) _____</p> <p><b>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS.</b> 37 CFR 1.84(p)  <input type="checkbox"/> Numbers and reference characters not plain and legible. Fig(s) _____  <input type="checkbox"/> Figure legends are poor. Fig(s) _____  <input type="checkbox"/> Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____  <input type="checkbox"/> English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____  <input type="checkbox"/> Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) _____</p> <p><b>13. LEAD LINES.</b> 37 CFR 1.84(q)  <input type="checkbox"/> Lead lines missing. Fig(s) _____</p> <p><b>14. NUMBERING OF SHEETS OF DRAWINGS.</b> 37 CFR 1.84(t)  <input type="checkbox"/> Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____</p> <p><b>15. NUMBERING OF VIEWS.</b> 37 CFR 1.84(u)  <input type="checkbox"/> Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____</p> <p><b>16. DESIGN DRAWINGS.</b> 37 CFR 1.152  <input type="checkbox"/> Surface shading shown not appropriate. Fig(s) _____  <input type="checkbox"/> Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____</p>
---	--

COMMENTS:

Reviewer LAM

Date 08/20/03

If you have questions, call (703) 305-8404.

Attachment to Paper No. 5